

**SECRET**OXC 4439  
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6 FEB 1963

MEMORANDUM FOR: Assistant Director, OSA

SUBJECT: Water Destruct System for Special Paper Maps,  
IDEALIST/OXCART

1. There is an obvious lack of priority assigned by Lockheed for the design and installation of the equipment required to utilize the special water soluble maps presently being produced by ACIC.

In compliance with a recommendation from General Doolittle, member of the President's Foreign Intelligence Advisory Board, a working group was established, on 9 August 1962, to provide projects IDEALIST and OXCART with maps and charts which are capable of emergency destruction. Attendance at this meeting included headquarters representatives from Operations, Development, Intelligence and Materiel. Outside agency representatives included  ACIC, TSD, and Lockheed.

2. Research and development work was completed by the Technical Services Division (TSD) to provide paper maps which will dissolve when submerged in water. The Materiel Division procured the necessary special paper from  and ACIC is currently in production on particular JN and OXC series charts as specified by the Intelligence Staff. Completion of the entire production is estimated by 1 March 1963.

3. The IDEALIST/OXCART vehicles must be equipped with a map container and suitable water reservoir, plumbing, valves and activation device in order that the map container may be flooded with water if an emergency so dictates. This particular requirement, established 9 August 1962, has not proceeded concurrently with map production. Therefore, we will shortly be faced with completed water-soluble charts, but with no existing storage/destruct system available for their use. The result will be a delay in operational employment of the charts unless Lockheed is encouraged to complete their testing and installation of the necessary equipment. To date, two fiberglass prototype containers have been produced and temporarily taped in one of the OXCART vehicles. Two additional containers have

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been forwarded to Edwards AFB for use in IDEALIST vehicles. This initial test work is not being aggressively pursued by Lockheed and indications are that final system installation is in the distant future.

4. Operational training is highly desirable in the use of both the maps (changes in format) and storage/destruct systems prior to operational employment. OXCART programming indicates the systems should be installed at once in Aircraft 124, 122, and 125. IDEALIST use can commence as soon as the systems are installed on a retrofit basis.

5. It is recommended that the Development Division establish the necessary priority with Lockheed to accomplish completion of this project. It is further recommended that [redacted] be requested to monitor and report weekly on the progress in this regard [redacted] Concurrence of the Assistant Director, OSA, is requested.

[redacted]  
Chief, Operations Division, OSA

JACK C. LEDFORD  
Colonel USAF  
Assistant Director  
(Special Activities)

8 FEB 1963

OSA/OD/OXC [redacted] (6 February 1963)  
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